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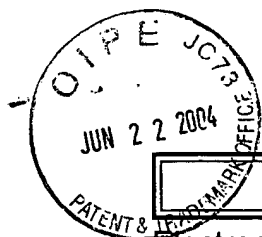


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 63109
Application ID: 10817220 
Title of Invention: VARIABLE IMPEDANCE NETWORK
WITH COARSE AND FINE
CONTROLS
First Named Inventor: Chun-Mai Liu
Domestic/Foreign Application: Domestic Application
Filing Date: 2004-04-02
Effective Receipt Date: 2004-06-22
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 2432
Attorney Docket Number: 42236P070C


Total Fees Authorized:

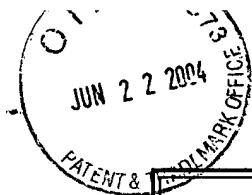
Digital Certificate Holder: cn=Roger W. Blakely,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 125a56b673596926fcf847053037fbd71ea2016

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	VARIABLE IMPEDANCE NETWORK WITH COARSE AND FINE CONTROLS									
Application Number: 10/817220 										
Date: 2004-04-02										
First Named Applicant: Chun-Mai Liu										
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Attorney Docket Number: 42236P070C										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><tr><td>Submitted by:</td><td>Elec. Sign.</td><td>Sign. Capacity</td></tr><tr><td>Roger W Blakely Jr Registered Number: 25,831</td><td>Roger W Blakely Jr</td><td>Attorney</td></tr></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Roger W Blakely Jr Registered Number: 25,831	Roger W Blakely Jr	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Roger W Blakely Jr Registered Number: 25,831	Roger W Blakely Jr	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>P070C-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	P070C-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	P070C-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										




ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	VARIABLE IMPEDANCE NETWORK WITH COARSE AND FINE CONTROLS
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Application Number:	10/817220	
Confirmation Number:	2432	
First Named Applicant:	Chun-Mai Liu	
Attorney Docket Number:	42236P070C	
Art Unit:	2838	
Search string:	(4468607 or 5084667 or 5831566 or 6552519).pn.	

US Patent Documents

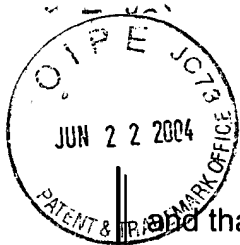
Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4468607	1984-08-28	Tanaka et al			
	2	5084667	1992-01-28	Drori et al			
	3	5831566	1998-11-03	Ginetti			
	4	6552519	2003-04-22	Nazarian	B1		

Remarks

Note: Remarks are not for responding to an office action.

Applicant, in accordance with his duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submits this Electronic Information Disclosure Statement citing U.S. Patent documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account No. 02-2666. Applicant respectfully requests that the cited documents be considered



and that the form be initialed by the Examiner to indicate such consideration and a copy thereof returned to the Applicant's attorney of record.

Signature

Examiner Name	Date